



Atty. Dkt. No.: P63763US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#24/K.T.
4/22

In re the Application of

SCHLINGENSIEPEN et al.

Serial No.: 09/341,700

Group Art Unit: 1635

Filed: September 24, 1999

Examiner: ZARA, Jane J.

RECEIVED

APR 17 2002

TECH CENTER 1600/2900

For: AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD

AMENDMENT

Commissioner of Patents
Washington, D.C. 20231

Sir:

The instant paper responds to the Office Action mailed January 15, 2002.

IN THE CLAIMS

Cancel claims 35-51, without prejudice or disclaimer, and substitute the following claims.

~~52.~~ A method for the selection and preparation of an effective antisense oligonucleotide for a nucleic acid comprising the steps of

– designing an antisense oligonucleotide corresponding to a target nucleic acid sequence based on criteria such that

- F²
- a) the antisense oligonucleotide comprises at least 8 nucleic acid residues,
 - b) the antisense oligonucleotide comprises a maximum of twelve elements, the twelve elements being capable of forming three hydrogen bonds each to cytosine bases,